

Sage Notes

Promoting interest in Idaho's native flora

Dates to remember

Jan. 1, 2014:

Renew your INPS membership

March 31, 2014:

ERIG proposal deadline

June 20-22, 2014:

INPS and Eriogonum Society Annual Meeting, Twin Falls



IDAHO NATIVE PLANT SOCIETY
Volume 35 (3)

Articles contributed to Sage Notes reflect the views of the authors and are not an official position of the Idaho Native Plant Society.

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2013 ERIG Grants Awarded

By Janet Bala

The INPS Education, Research and Inventory Grant (ERIG) Program for 2013 awarded a total of \$1,985 for two recipients. The two projects receiving ERIG money are as follows, summarized from their grant applications:

Bruneau Elementary School: An Outdoor Learning Environment

The school is creating a native plant garden that will be a venue for educating students on the unique plants and geology of their area. The garden will also be used as an outdoor learning space where teachers can conduct classes including art and science. To align with state-wide curriculum, plants that have a place in Idaho's history, such as syringa (*Philadelphus lewisii*) or have traditional Native American uses such as Basin Wildrye (*Elymus cinereus*) and service-berry (*Amelanchier alnifolia*) will be included. The school will partner with the Bureau of Land Management (BLM) and the U.S. Fish and Wildlife Service (USFWS) to help with development of the project.

The money they receive from ERIG will be used to purchase native plants and soil.

Pocatello Zoo: Wild about Idaho's Native Plants

The overall goal of the Wild about Idaho's Native Plants project at the Pocatello Zoo is to enhance visitor appreciation and knowledge of Idaho's native plant species. This will be done by creating a native plant display, with the help of youth campers and volunteers. Idaho native plants will be planted in an already designated planting area near the bison exhibit. Educational interpretive signs, the content including the plant name, how to identify the plant, any animals that eat/depend on them, and any special uses or facts, will be placed with the plants in the display.

The money they receive from ERIG will be used to purchase native plants, gardening tools and interpretive signs.

You can donate to the ERIG Program from the INPS home page using PayPal, click on ERIG News. Your donations to this program allow us to award additional funds to grantees or increase the number of grantees in a year. Undertaking new initiatives while supporting our existing programs depends on the investments our members and friends make in INPS and its goals in promoting conservation and education. Please consider making a donation!

IDAHO NATIVE PLANT SOCIETY

Address: P.O. Box 9451,
Boise, ID 83707

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Web site:
www.idahonativeplants.org

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Beth Corbin (Pahove)

Greetings from the President

Dear Idaho Native Plant Society Members,

Our annual meeting in Boise on June 21-23 was a great success. This combined meeting with the American Penstemon Society (APS) was the first time Idaho Native Plant Society (INPS) has joined with another society for its annual meeting. The combination of both societies brought together many talented and dedicated individuals. Elsewhere in this issue of *Sage Notes* is a report on the activities of the annual meeting. I would like to take this opportunity to express my appreciation to the APS for inviting INPS to join with them and to the many individuals that put in so many hours to make the meeting a success.

First, a huge "thank you" to Steve Love. Because of his leadership and hard work, the combined meeting was an educational and enjoyable event for all who attended. Working with Steve was a committee of other dedicated individuals including Ann DeBolt, Beth Corbin, Carol Blackburn, Caroline Morris, Elaine Walker, Jean Findley, Karie Pappani, Tony McCammon, Monaquita Love, Susan Filkins and Tom Salaiz. A well-deserved "thank you" to each of them and to field trip leaders Ann DeBolt, Roger Rosentreter, Beth Corbin, Jean Findley, and Tony McCammon.

A special "thank you" also goes to the Idaho Botanical Garden staff and board for hosting our welcome reception Friday evening and allowing us to tour their superb gardens. This was a special treat and a great way to begin the conference.

During the Thursday evening dinner and business meeting, Karie Pappani, president of the Pahove Chapter, presented a lifetime INPS membership award to Ann DeBolt and Roger Rosentreter. The INPS board takes such nominations very seriously. Approving the nomination of Ann and Roger was easy because they are well known for their many years of dedication to INPS and to their work with native plants. Thank you, Karie and the Pahove Chapter, for making this well-deserved nomination.

Thank you also to all the members who answered the membership survey. Your input is invaluable and your responses to the survey will help guide the direction that INPS takes as we move forward. As a result of the survey, this issue will have less color than the last several years as a cost savings measure. The color version will still be found on our website under *Sage Notes*. Please let your INPS Board know how you feel about this change.

LaMar Orton
INPS President

A message from the editor

It's never a good thing to introduce yourself to a new audience when a project is more than a month behind schedule. So I begin with a heartfelt apology. When LaMar called in July to offer me the chance to edit *Sage Notes* I said yes with great enthusiasm. I have been growing native plants in my own garden for many years and saw this as an opportunity to learn while I edited.

I should — however — have asked more questions about the first issue; which fell in the midst of a long-planned trip to the Midwest to visit family, then 10 days at home to get ready for school and the county fair, followed by 10 days visiting farms in Uruguay and Argentina. A grant to plant cover crops I had written for a client required much more care and feeding in September than initially anticipated, followed by the partial shutdown of the federal government, which impacted three of my regular clients. And then there's the challenge of picking up someone else's files and beginning to work on a project that has been done so beautifully. All in all, this first issue was a much greater challenge than I had expected.

However, the cover crops are planted, the government is open and the next issue will go out in a much more timely manner. Thank you for your patience.

Cindy Snyder

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INPS State News

Annual Meeting 2013 in Review

by Tony McCammon, Stephen Love, LaMar Orton

On June 21 native plant enthusiasts from all over the country converged on Boise, Idaho for the joint meeting of the Idaho Native Plant Society and the American Penstemon Society. Volunteers from INPS (Pahove chapter), American Penstemon Society, the Idaho Botanical Garden and University of Idaho Extension faculty served as a planning committee to pull together the four-day conference. Stephen



A picture of Noel Holmgren in Reynolds Creek. Photo by Derek Antonelli.

Love led the planning committee and did an excellent job organizing the meeting and finding excellent tour guides for each of the four designated field trips that were the highlight of the meeting.

The conference committee was delighted with the registration of more than 110 participants. Registrations were almost equally split between APS and INPS members. The conference, an already highly educational event, increased its value by the presence of renowned researchers and professionals, including Noel and Patricia Holmgren, New York Botanical Garden botanists who have spent much of their

lives and careers studying and classifying the genus *Penstemon*. Also present were Don Mansfield, College of Idaho botanist, an authority on the botany of the Owyhee Country; and Ohio State University researcher Andrea Wolfe who, with a graduate student, spent time at the meeting collecting leaf samples of *Penstemon attenuatus* in preparation for a study of the genetics of this diverse species.

A choice of field trips to the Owyhee Front, Succor Creek/Leslie Gulch, Mores Mountain, and Hell's Canyon were offered to participants. Beth Corbin, a long time BLM botanist, guided a tour within the Owyhee Desert and the high

alpine ghost town of Silver City. Her tour started in the low, dry Owyhee Front. The word 'dry' is an understatement, with mostly parched, post-bloom plants observed at these lower elevations. Participants were however able to get some of the best pictures during this section of the tour with subjects being insects, lizards and rattlesnakes. A very rare *Penstemon janishiae* was seen in the fruiting stage. Many types of cacti were also a highlight of the lower elevations. In the higher elevations, around Silver City, we found large patches of *Penstemon speciosus* in full bloom. *P. deustus*, *P. attenuatus* and *P. fruticosus* were also seen at this high elevation.



A group of photographers on the *P. miser* tuffaceous hillside in Succor Creek. Photo by Jane Rohling.

Sage Notes, the newsletter of the Idaho Native Plant Society, is published in February, May, September, and December.

Current and recent past issues of Sage Notes are posed in full color online at www.idahonativeplants.org/news/Newsletters.aspx along with a searchable index of 2006-2010 issues. We are scanning and uploading older issues as time allows.

Submissions: Members and non-members may submit material for publication. Relevant articles, essays, poetry, news and announcements, photographs and artwork are welcome. Authors, artists, and photographers retain copyright to their work and are credited in Sage Notes. Send all submissions electronically to the editor at the link below.

Submission guidelines are posted on the INPS web site: www.idahonativeplants.org/news/Newsletters.aspx. Please provide a phone number and/or email address with your submission. Submission deadlines are January 8, April 1, August 1 and November 1.

Advertising: Advertisements help reach environmentally-minded, native-plant-loving customers and help support INPS. Prices: 1/8 page = \$5, 1/4 page = \$8, 1/2 page = \$15. Submit ads to the editor electronically (JPEG, TIFF, PSD, or PDF files).

Send payment to:

Sage Notes Ads,
P.O. Box 9451,
Boise ID, 83707

Sage Notes editor:

Cindy Snyder, sage-editor@idahonativeplants.org

Due to the partial federal government shutdown in September, the Rare Plants Conference was postponed to early 2014. Watch for more information.

Continued on pg. 4

Jean Findley, a retired BLM botanist, worked and studied in the Succor Creek and Leslie

Gulch area for 35 years. She gave a fantastic tour through the Eastern Owyhee Desert that included not only many rare plants but also desert bighorn sheep and rattlesnakes for the

wildlife enthusiasts. Many of the interesting plant species in this sage-steppe habitat were post-bloom, but flowers were still visible on many plants. Higher elevations had large clumps of *Penstemon cusickii* and *P. speciosus* in full bloom. The very rare *Penstemon miser* had a few blooms left on its 'martian' tuffaceous hillside.



Variegated Skimmer in Reynolds Creek. Photo by Rich Hoyer.



Participants with Bogus Basin in the background, photographer unknown, on Mores Mountain.

seen scattered through the hills. *Penstemon attenuatus* was a common find.

Penstemon payettensis, *P. humilis*, *P. fruticosus* and *P. wilcoxii* were also seen. One of the highlights of the trip was seeing the very rare *Mimulus cusickii* and *Lewisia sacajawean*. Those that made it to the top of the loop were able to see vistas of Boise's Treasure Valley and a large population of *Penstemon attenuatus*.

meandered up the daunting Kleinschmidt Grade and through the forested hills interior to the canyon.

One stop included a silver mine where *Penstemon deustus*, *P. wilcoxii* and *P. fruticosus* had taken over on the abandoned crushed rock of the old mining scars. Another stop included a remarkably diverse habitat in a high

Continued on pg. 5

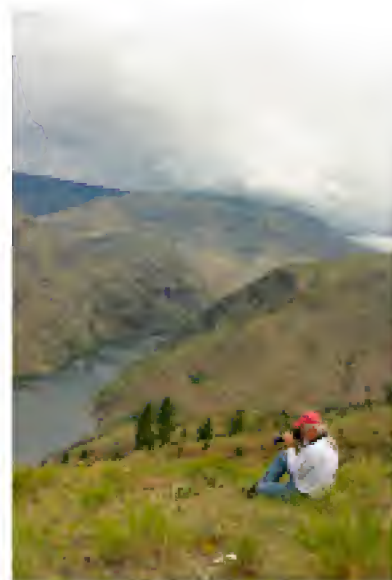


Patriot Garden on Mores Mountain. Photo Truel West.

Jean was very good at pointing out rare plants of numerous species such as *Senecio ertterae*, *Mentzelia packardiae*, *Ivesia rhypara* var. *rhypara*, *Astragalus sterilis* and *Trifolium owyheense*.

Anne DeBolt and her husband, Roger Rosentreter (acting as comic relief and assistant tour guide) led a 2-mile hike above Bogus Basin ski resort on Mores Mountain. During the hike many penstemons were

Tony McCammon, a University of Idaho Extension horticulturalist, finished up the weekend of tours with a climactic post-meeting trip through the Hell's Canyon and Bluejacket Mining District above Cuprum, Idaho. The tour ranged from the base of the canyon at Oxbow Dam (elevation 1,100 feet) to the Southern Seven Devils (elevation above 6,000 feet) and Council Valley. Rain was predicted on this day, but this did not scare off the participants and a caravan of 24 cars



Hugh MacMillan photographing Hell's Canyon. Photo by Steve Love.

meadow of the southern slopes of the Seven Devils. The tour lasted a long eight hours and was full of spectacular masses of flowers in bloom. Penstemons observed included *Penstemon triphyllus*, *P. glandulosus*, *P. payettensis*, *P. rydbergii* and *P. gairdneri* among the nine species we saw in bloom.

Conference talks and activities included a tour of the Idaho Botanical Garden where many species of penstemon were planted as part of the garden's effort to become an exhibition site for this genus, and also where the University of Idaho's Stephen Love has planted many penstemons and other native plants from his research. A highlight of the garden for many participants was the Lewis and Clark native plantings. Also, two native plant vendors, Draggin' Wing Farm and Conservation Seeding & Restoration,



offered plants for sale to conference participants.

One other highlight of the conference was the keynote speech of Professor Don Mansfield. Don is a long-standing professor of Botany and Range Biology at the College of Idaho. He discussed the unique ecological niches

provided by numerous volcanic ash sites in the Owyhee region.

To wind up the meeting, attendees were treated to a visual feast of photographs taken by many APS and INPS members during field trips. Tony McCammon used some visual aide magic to bring the conference to life. With the help of other volunteers, the meeting committee hopes to be able to offer the photo presentation to members of both societies.

All in all, the annual INPS meeting was a stimulating, educational, and inspirational event. Bringing the American Penstemon Society into the mix brought a unique and beneficial atmosphere to those who took advantage of the opportunity.

Participants scattered over the wildflower rocky bench during the Hells Canyon tour. Photo by Steve Love.

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ERIG needs YOU!

Want to help INPS support more great projects?

The Education, Research, and Inventory Grant (ERIG) program relies on funding from various sources such as Rare Plant Conferences, workshops, and private donations.

If you, your business, or your employer would like to make a donation to INPS to help fund these worthwhile ERIG projects, send your tax deductible donations to:

ERIG Program, INPS
P.O. Box 9451
Boise, Idaho 83707

Checks should be made out to INPS. Please be sure to specify that your donation is to be used for ERIG projects.

Thank you for your help!

Janet Bala
ERIG Committee
Chair
balajane@isu.edu

Interested in applying for an ERIG grant in 2014?

Details and an application form are available at <http://www.idahonativeplants.org/erig/Erig.aspx>. A list of past ERIG recipients is also posted.

Recommendations for prioritizing which species on the INPS Rare Plant List to rank

by Beth Colket

You can view the complete INPS Rare Plant List on either the INPS website (<http://www.idahonativeplants.org/rpc/RarePlantList.aspx>) or the INPS Rare Plant Working Group listserv (<http://inpsrareplants.forumatic.com/index.php>). Of the 461 species on the INPS Rare Plant List, only 61 species have been ranked or are in the process of being ranked using the NatureServe Calculator. While there are a lot of species remaining, it would be helpful to prioritize some species over others so that conservation actions can be implemented if needed.

1) Species on the IDNHP Tracked Plant List that are not on the INPS Rare Plant List and need to be evaluated for addition to INPS list and ranked using the NatureServe Rank calculator:

Scientific Name	IDNHP Rank
<i>Haematomma ochroleucum</i>	G5 S1
<i>Pyrrocoma uniflora</i> var. <i>uniflora</i>	G5T4T5 SNR
<i>Pseudostellaria oxyphylla</i> (also an Idaho endemic)	G1G2 SNR

2) Idaho endemics on the INPS Rare Plant List without any rank and need to be ranked using the NatureServe Rank calculator (both lichens):

Scientific Name	IDNHP Rank
<i>Calicium corynellum</i>	GNR SNR
<i>Rhizoplaca idahoensis</i>	G1 SNR

3) All other species on the INPS Rare Plant List without any rank and need to be ranked using the NatureServe Rank calculator:

Scientific Name	IDNHP Rank
<i>Acorus americanus</i>	G5 SNR
<i>Allium columbianum</i>	G3 SNR
<i>Amphidium californicum</i>	G4 SNR
<i>Argemone munita</i> ssp. <i>rotundata</i>	G4T4 SNR
<i>Bidens beckii</i>	G4G5 SNR
<i>Bromus aleutensis</i>	G5T4? SNR
<i>Callitriche marginata</i>	G4 SNR
<i>Callitriche trochlearis</i>	G3? SNR
<i>Carex lachenalii</i>	G5 SNR
<i>Castilleja occidentalis</i>	G5 SNR
<i>Cleomella hillmanii</i> var. <i>goodrichii</i>	G4G5 SNR
<i>Crepis pleurocarpa</i>	G5 SNR
<i>Delphinium glaucescens</i>	G3? SNR
<i>Dendroalsia abietina</i>	G4 SNR

Scientific Name	IDNHP Rank
<i>Draba oreibata</i> var. <i>oreibata</i>	G4T4 SNR
<i>Eriogonum prociduum</i> var. <i>mystrium</i>	G3TNR S1
<i>Eriophorum angustifolium</i> ssp. <i>angustifolium</i>	G5 SNR
<i>Eryngium articulatum</i>	G5 SNR
<i>Euthamia graminifolia</i>	G5 SNR
<i>Geum rossii</i> var. <i>rossii</i>	G5T5 SNR
<i>Juncus bolanderi</i>	G5 SNR
<i>Juncus brevicaudatus</i>	G5 SNR
<i>Juncus phaeocephalus</i>	G3G4 SNR
<i>Juncus vaseyi</i>	G5? SNR
<i>Lomatium idahoense</i>	G4 SNR
<i>Mimulus patulus</i>	G4 SNR
<i>Minuartia stricta</i> (undetermined variety)	G5 SNR
<i>Mitella nuda</i>	G5 SNR
<i>Orthotrichum consimile</i>	G4 SNR
<i>Orthotrichum striatum</i>	G4G5 SNR
<i>Pannaria saubinetii</i>	G4G5 SNR
<i>Peltigera pacifica</i>	G3G4 SNR
<i>Physaria integrifolia</i>	G3G4 SNR
<i>Physaria prostrata</i>	G2G3 SNR
<i>Plantago eriopoda</i>	G5 SNR
<i>Poa paucispicula</i>	G5T5 SNR
<i>Porella navicularis</i>	G5 SNR
<i>Racomitrium varium</i>	GU SNR
<i>Ramalina subleptocarpha</i>	G3G5 SNR
<i>Scapania apiculata</i>	G5? SNR
<i>Scapania bolanderi</i>	G4 SNR
<i>Sclerolinon digynum</i>	G5 SNR
<i>Silene hitchguirei</i>	G4G5TNR S1
<i>Sparganium emersum</i>	G5 SNR
<i>Trichostema oblongum</i>	G5 SNR
<i>Utricularia gibba</i>	G5 SNR
<i>Viola septentrionalis</i>	G5 SNR
<i>Xanthoparmelia camtschadalis</i>	GNR SNR

4) Idaho endemics on the INPS Rare Plant List having an outdated rank and have not yet been ranked using the NatureServe Rank Calculator:

Scientific Name	IDNHP Rank
<i>Allium tolmiei</i> var. <i>persimile</i>	G4G5T3 S3
<i>Astragalus amblytropis</i>	G3 S3
<i>Astragalus amnis-amissi</i>	G3 S3
<i>Astragalus aquilonius</i>	G3 S3
<i>Astragalus atratus</i> var. <i>inseptus</i>	G4G5T3 S3
<i>Astragalus oniciformis</i>	G3 S3
<i>Astragalus vexilliflexus</i> var. <i>nubilus</i>	G4T2 S2
<i>Cardamine constancei</i>	G3 S3
<i>Carex aboriginum</i>	G1 S1
<i>Cladonia andereggi</i>	G1 S1
<i>Corydalis caseana</i> var. <i>hastata</i>	G5T3 S3
<i>Cymopterus davisii</i>	G3 S3
<i>Cymopterus douglassii</i>	G3 S3
<i>Dasynotus daubenmirei</i>	G3 S3
<i>Douglasia idahoensis</i>	G3 S3
<i>Draba hitchcockii</i>	G3 S3
<i>Draba trichocarpa</i>	G2 S2
<i>Eriogon salmoneensis</i>	G3 S3
<i>Eriogonum capistratum</i> var. <i>welshii</i>	G4T2Q S2
<i>Eriogonum meledonum</i>	G2 S2
<i>Eriogonum shockleyi</i> var. <i>packardiae</i>	G5T2Q S2
<i>Hackelia davisii</i>	G3 S3
<i>Lepidium papilliferum</i>	G2 S2
<i>Lewisia sacajawean</i>	G2 S1
<i>Oenothera psammophila</i>	G3 S3
<i>Oxytropis besseyi</i> var. <i>salmoneensis</i>	G5T3 S3
<i>Physaria didymocarpa</i> var. <i>lyrata</i>	G5T1 S1
<i>Pyrocoma insecticruris</i> (= <i>Haplopappus insecticruris</i>)	G3 S3
<i>Saxifraga bryophora</i> var. <i>tobiasiae</i>	G5T2 S2
<i>Thelypodium repandum</i>	G3 S3
<i>Thlaspi idahoense</i> var. <i>aileeniae</i>	G3G4T3 S3

You may also consider evaluating the Idaho endemics listed below that are not on the INPS Rare Plant List, since it would be worthwhile to evaluate these species for addition to the list.

Scientific Name	IDNHP Rank
<i>Artemisia tridentata</i> ssp. <i>xericensis</i>	G5T1T3 SNR
<i>Astragalus beckwithii</i> var. <i>sulcatus</i>	G5T3 S3
<i>Astragalus cusickii</i> var. <i>flexilipes</i>	G5T4 S3
<i>Chaenactis evermannii</i>	G4 SNR



This is one of the many species of plants found on the Calypso Chapter's July Coal Creek hike. This is the poisonous red baneberry (*Actaea rubra*). Photo by Derek Antonelli.

Scientific Name	IDNHP Rank
<i>Claytonia lanceolata</i> var. <i>idahoensis</i>	G5TNR SNR
<i>Cleomella macbrideana</i>	GUQ SNR
<i>Cryptantha salmoneensis</i>	G3 S3
<i>Draba argyrea</i>	G3 S3
<i>Draba sphaerocarpa</i>	G4 S4
<i>Ericameria parryi</i> var. <i>salmoneensis</i>	G5T3 S3
<i>Eriogonum capistratum</i> var. <i>capistratum</i>	G4T1T2 SNR
<i>Eriogonum ochrocephalum</i> var. <i>sceptrum</i>	G5T4 S4
<i>Eriogonum umbellatum</i> var. <i>devestivum</i>	G5T1T3 SNR
<i>Eriogonum verrucosum</i>	G1G3 SNR
<i>Frasera montana</i>	G5 S4
<i>Hymenopappus filifolius</i> var. <i>idahoensis</i>	G5T3 S3
<i>Lathyrus nevadensis</i> var. <i>parkeri</i>	G5T2T3 SNR
<i>Ligusticum verticillatum</i>	G4G5 SNR
<i>Lupinus aridus</i> ssp. <i>lenorensis</i>	G5T1T3Q SNR
<i>Lupinus aridus</i> ssp. <i>loloensis</i>	G5T1T3Q SNR
<i>Lupinus lyallii</i> ssp. <i>alcis-temporis</i>	G5T1? SNR
<i>Machaeranthera canescens</i> var. <i>sessiliflora</i>	G5T3? SNR
<i>Mentzelia torreyi</i> var. <i>acerosa</i>	G4T3 S3
<i>Mertensia campanulata</i>	G4 SNR
<i>Penstemon attenuatus</i> var. <i>militaris</i>	G4T4 SNR
<i>Penstemon montanus</i> var. <i>idahoensis</i>	G4G5T2T3 SNR
<i>Penstemon pumilus</i>	G4G5 S4
<i>Phacelia idahoensis</i>	G4 SNR
<i>Phlox kelseyi</i> ssp. <i>glandulosa</i>	G4T1T3Q SNR
<i>Physaria geyeri</i> var. <i>purpurea</i>	G4T4 S3
<i>Spiraea splendens</i> var. <i>rosea</i>	G5TU SNR
<i>Thelomma ocellatum</i>	GNR S3
<i>Trifolium longipes</i> ssp. <i>pedunculatum</i>	G5T3T4 SNR

Thank you for your participation and together we can get through the entire list!

INPS Chapter News

INPS CHAPTERS

CALYPSO CHAPTER

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Hayden, ID 83835

President: Derek Antonelli
Vice President: Vacant
Secretary: Karen Williams
Treasurer: Janet Benoit
Newsletter: Vacant

LOASA CHAPTER

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President: Kelvin Jones
Vice President: LaMar Orton
Secretary/Treasurer:
Lois Rohay

PAHOVE CHAPTER

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Boise, ID 83707
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President: Karie Pappani
Vice Pres.: Elaine Walker
Secretary: Vacant
Treasurer: Caroline Morris
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Conservation: Justin Fulkerson
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5901 Country Club Drive
Pocatello, ID 83204

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Janet Bala
Members-at-large: Janet Bala,
Pauline Havens, Ardys & Karl
Holte, Linda Johnson, Chris
McCoy, Mel Nicholls, & Shirley
Rodgers.

CALYPSO CHAPTER

When: Meetings are the first Wednesdays of March, April, May and October at 7:00 p.m. Field trips are during the spring and fall and we do not meet from November to February.

Where: Conference room of Idaho Department Fish and Game, 2885 W. Kathleen Ave., Coeur d'Alene, ID 83815

Contact: Derek Antonelli, [antonelli8 at frontier dot com](mailto:antonelli8@frontierdot.com)

RECENT NEWS:

Our March, April and May meetings were interesting and informative, consisting of March: Hager Lake Survey Project, by Derek Antonelli, April: "To Bee or Not to Bee" by bee keeper, landscape designer and botanist Jill Roche, and May: The Rose Family by Derek Antonelli.

FIELD TRIPS:

On June 2, huddling under umbrellas and a big tree during a June downpour we decided to postpone our annual Q'melin Park hike/potluck as it would be dangerously slippery. The trip was salvaged as Derek handed out to grateful members copies on disc of the plant guide project he and others had recently compiled.

On June 8 we fared better weather-wise as we traveled southeast of Sandpoint to Shepherd Lake, mainly owned and managed by the Idaho Dept. of Fish and Game. Donning waders we ventured out to view and record the many water-related species. The marsh cinquefoil in full bloom was a group favorite. Afterwards we made a stop at Mirror Lake where we enjoyed the soaring and diving antics of the uncommon black terns that had been reported there.

On July 27, our destination was the Coal Creek trail, which rises above the Coeur d'Alene River near the tiny town of Prichard. The many trail improvements made by the Forest Service were appreciated by our group as we enjoyed the western hemlock/western red cedar habitat and rushing stream with its many enticing waterfalls. We decided not to protest as a huge moose also enjoyed the

botanical delights we encountered. We were relieved that he stayed on his side of the creek!

Many small waterfalls and cascades were observed along this creek passing through a beautiful mesic forest dominated by western hemlock (*Tsuga heterophylla*) and western red cedar (*Thuja plicata*). Participants identified nearly 100 different species of plants on the hike.

LOASA CHAPTER

All INPS members and the public are welcome to attend chapter events.

When: Meetings are held the third Thursday of each month

Where: Taylor Building, Room 258, College of Southern Idaho, Twin Falls

Contact: Kelvin Jones, (208) 886-7051

PAHOVE CHAPTER

When: Meetings are held on the 2nd Thursday of each month from September–April at 6:30 p.m. *Dates and topics in Sage Notes are tentative. More current information will be sent to members via postcard & email & posted on the INPS website: <http://www.idahonativeplants.org/inps/chapter.aspx?ChapterId=4>*

Where: Meetings are usually held at the MK Nature Center Auditorium.

Contact: For more information about Pahove Chapter activities visit the website: www.idahonativeplants.org or email Karie Pappani at [pahove.chapter.president at gmail dot com](mailto:pahove.chapter.president@gmail.com)

ANNUAL NATIVE PLANT SALE

Our 2013 native plant sale was held at the MK Nature Center on April 26 and 27. We feel fortunate to have the MK Nature Center as a partner. THANK YOU to all of our skilled growers, top notch volunteers, and valued customers that make it all possible! The plant sale is our chapter's big event for the season and a wonderful way to get more people interested in growing and learning about native plants.

This year we would like to recognize and thank Al Fackler of Silvercreek Realty Group for donating the use of a moving

truck that was used to pick up an order of plants in the McCall area. This saved us the expense of a rental truck that we normally have. Thanks All!

Also this year Pahove sponsored two interns who were integral in the planning, preparation, execution and subsequent break down of the event. Ethan Ernst is a CWI Horticulture student and Mindy Jackson is a BSU Environmental Studies graduate. Thank you Ethan and Mindy!

Finally, the proceeds from the sale go towards Chapter meeting and mailing expenses, the season kick-off pizza party and the holiday party. Pahove also contributed funds for grants for school yard habitat programs, educational materials, rare and threatened plant brochures and literature, a Wildflowers Coloring Book, plant identification workshops, the 2013 Annual Meeting, and the upcoming Rare Plant Conference. Our chapter also donated 38 red-osier dogwoods to the Yankee Fork Side Channel Restoration Project to help provide a sustainable stretch of habitat for spawning salmon and other native aquatic organisms.

Once again, thank you everyone for your support!

Upcoming Events:

November 14, 2013 — Flowers of Croatia and Turkey

Our very own treasurer, Caroline Morris, will show us flowers of Croatia and Turkey. Come ready to explore the wonders of the plant kingdom from these foreign lands.

December 12, 2013 — Annual Holiday Party

Our holiday party, potluck, and gift exchange will be held at a location to be determined. 'Tis the season, so don't miss this magical meeting.

SAWABI CHAPTER

Meetings: We welcome the public to our chapter's informative programs.

When: First Monday of each month, October through March, 7:00 p.m.

Where: Pond Student Union Building, Room 308, ISU Campus, Pocatello.

Contact: 208-241-5851, email desertflwrs@gmail.com.

Our regular winter meetings began October 7.

SUMMER ACTIVITIES

Our season began on May 11 when Janet Bala led us on a hike along McNabb Creek and adjacent hillsides searching for early spring flowers. We were lucky enough to find Steer's-Head (*Dicentra uniflora*) which was quite a treat. Other outings included a field trip to Cherry Springs followed by a potluck at Karl and Ardys Holte's house. We made a follow-up trip to Plantasia Cactus Gardens in Twin Falls where LaMar Orton guided us on a tour of his xerophytically landscaped park. Many of the plants we saw dormant last fall were in bloom. Ruth Moorhead led us on excursions to the West Fork of Mink Creek above Pocatello, to the Justice Park Nature Trail and to Kelly Park near Soda Springs. Mel and Barb Nicholls led campouts to Malad Summit and the Big Springs area. Cathy Frischmann led a campout at Meadow Lake in the Lemhi Mountains and Steve Love led an excursion to the summit of Mt. Harrison. The Mt. Harrison trip was a follow-up to a July trip we

INPS CHAPTERS

UPPER SNAKE CHAPTER

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Vice President: Sue Braastad
Secretary: Alan Crockett
Treasurer: Dave Godfrey
Members-at-large: Mark & Donna Whitman

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whitepine.chapter@gmail.com

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WOOD RIVER CHAPTER

P.O. Box 3093
Hailey, ID 83333
President: Carol Blackburn
Vice President: VACANT
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Arrowleaf Balsamroot blooming along the nature trail near Justice Park. Photo by Bob McCoy.



Ruth Moorhead and Marijana Dolsen in the Plantasia Cactus Garden. Photo by Bob McCoy.

INPS Chapter News



Pahove Chapter annual plant sale. Photo submitted by Karie Pappani.



Former White Pine President James Riser discussing the merits of *Hieracium albertinum*, known locally as 'Hairy Albert'. Photo submitted by Nancy Miller.



Pam Brunsfeld & her Sys.Bot. class, above Grande Ronde R. Pam is in center, holding a plant. White Pine member Thad Davis is just downhill from her, holding white note.

made last summer to observe the later-blooming plants.

In addition to our field trips, Dr. Steve Love and Janet Bala, under the auspices of the Idaho Museum of Natural History, conducted a two-day Penstemon identification workshop; one classroom day at Idaho State University and a one-day trip to the University of Idaho Agricultural Research and Extension Center at Aberdeen. This was a very useful lead-up to the joint annual meeting with the American Penstemon Society and the associated field trips.

Our regular winter meetings commenced on October 7.

UPPER SNAKE CHAPTER

When: Meetings are usually held the 3rd Wednesday of the month at 7:00 p.m. Field Trips are scheduled in the spring and summer.

Where: Idaho Fish & Game office, Idaho Falls

Contact: Sue Braastad, [braastads at yahoo dot com](mailto:braastads@yahoo.com)

WHITE PINE CHAPTER

Meetings: During the spring and fall, meetings are held once a month. Field trips occur regularly whenever the weather allows. Please check the chapter website for events which may be scheduled or finalized after this issue is printed: www.whitepineinps.org or email the chapter officers at whitepine.chapter@gmail.com.

Contact: Pat Fuerst at [epfuerst at frontier dot com](mailto:epfuerst@frontier.com) or White Pine Chapter, PO Box 8481, Moscow, ID 83843.

RECENT EVENTS

April 17, 2013, White Pine Chapter / Palouse Audubon Joint Meeting, "Plants, Flowers, and Birds of a Northern Trek" Speakers: Jerry Cebula and Sarah Walker

In June 2012, Jerry and Sarah made a round trip from Moscow, Idaho to the Arctic Ocean the delta of the Mackenzie River driving through British Columbia, Yukon, and into Northwest Territories, including 450 miles of gravel roads on the Dempster Highway. They travelled through parts of Beringia, a far-north region of Asia and North America which was an ice-free grassland-steppe during the last ice age, providing a refuge for tundra plants, animals, and even humans. The program was a visual journal of their trip. Sarah treated us to many photos of arctic and sub-arctic plants, short in stature and vivid in color--which sometimes required serious scrambles to reach!

April 28, 2013, Pam Brunsfeld's Systematic Botany Class field trip to the Grande Ronde River, Oregon

White Pine chapter members accompanied the class trip of Pam Brunsfeld, recently-retired Collections Manager and Curator of the UI Stillingher Herbarium. Many delightful canyon grassland flowers were in bloom, such as the root-parasite orobanche (*Orobanche uniflora* var. *purpurea*?) and big-headed clover *Trifolium macrocephalum*. As this was a shorter trip this year, Nancy Miller led an extended drive in search of the Brown's peony *Paeonia brownii* seen in previous years. We located several, and were also treated to sightings of several bighorn sheep, which have been endangered in recent years by domestic sheep pneumonia.

May 4, 2013, Tour of riparian/wetland/forest restoration project near Deary, Idaho; Leaders: Trish Heekin, Latah Soil and Water Conservation District and Craig Hatley, property owner

The chapter viewed modern forestry practices and equipment, then toured the Latah SWCD Corral Creek restoration project. We were able to see how Trish and her col-

leagues created, tested, and adjusted their methods for removing fish barriers, arresting erosion, and restoring watershed. The rare Leiberg's tauschia *Tauschia tenuissima* was in bloom, which along with grass widows *Olsynium douglasii*, was carpeting the wet meadows. For more information on the project go to <http://www.latahsoil.org/id182.html>.

May 9, 2013, Palouse Prairie Foundation Meeting, White Pine Chapter co-sponsor, "Friends and Robbers: Flowering Plants of the Intermountain West and Their Insect Visitors", Presenter: Nan Vance, retired plant scientist for the Forest Service Pacific Northwest Research Station

The meeting was held in Pullman, WA to assist our many eastern Washington members. Nan provided us with beautiful photos of intriguing pollination strategies of native plants and insects of our area. In particular, she has studied *Cypripedium* orchids and Brown's peony *Paeonia brownii*. Her narrative included the correlation of insect size with flower size, the various bee species and also the role of wasps and other insects.

Submitted by Sonja Lewis, White Pine Chapter

PLANT SALE

Our second White Pine Chapter Native Plant Sale held May 18, 2013 was a great success! A great group of volunteers grew plants, planned and prepared, helped set up, baked cookies, sold plants, and advised customers. It was a lot of fun. The sale would not have been possible without the time and effort contributions of many people.



White Pine members Pamela Pavek, Judy Ferguson, Trish Heekin and Sue Westerbrook prepare labels for member-donated plants. Photo submitted by Nancy Miller.

Our primary purpose in holding the sale was to promote interest in growing native plants locally, and this was certainly an effective way to grow that interest. We purchased seed packets from Thorn Creek Native Seed Farm, 32 species of plants from Pleasant Hill Farms, 15 from Plants of the Wild, and 1 from Willow Gulch. In addition we received some donated shrubs from Idaho Fish and Game (in trade for some of our forbs) and also some donated shrub starts from UI Tree Nursery. The rest of the plants were grown or transplanted by White Pine

members and friends. We lost count as plants came in on Friday but estimates based on the pre-sale spreadsheet indicated at least 1,300 plants would be available at sale time. We expected at least 48 additional species this year which we hadn't had last year making a total number of species of about 100.

Although we don't know how many people attended the sale, over 136 people purchased plants, seeds and/or books. Thirteen new members joined our chapter and 8 members renewed their membership at the sale. Approximately \$3,800 came in from seeds and plants; we cleared approximately \$2,200 after expenses.

Submitted by Nancy Miller.

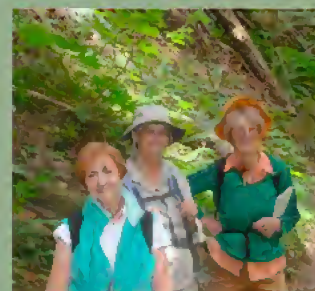
WOOD RIVER CHAPTER

Contact: Carol Blackburn at blackburncl@yahoo.com for information on

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White Pine members toured a riparian restoration project in May including these cattle-exclusion fences, upper Corral Creek. L to R: Judy Ferguson, Renee Eder, Thad Davis, Craig Hatley (property owner). Photo submitted by Sonja Lewis.



Susan Lee, Darlene Carlton, and Karen Williams enjoying the Coal Creek hike. Photo by Derek Antonelli.



Someone else interested in the Calypso Chapter Coal Creek hike. Photo by Derek Antonelli.



SageNotes

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